Message

From: Bevington, Charles [CBevington@cpsc.gov]
Sent: 7/22/2019 7:04:44 PM
To: Wong, Eva [Wong.Eva@epa.gov]
CC: Fehrenbacher, Cathy [Fehrenbacher.Cathy@epa.gov]
Subject: RE: quick question about AMEM
Attachments: Huang_et al_2018.pdf

It is probably OK to archive. We used what we could from AMEM. It was not fully incorporated into CEM, but used an AMEM approach to estimate the gas-phase diffusion coefficient in CEM.

AMEM is more fully incorporated into IECCU.AMEM also had a way to estimate solid-phase diffusion coefficents and liquid-phase diffusion.

There are also a set of papers from Huang et al (there are two others more recent than this). This one was incorporated into IECCU 1.1.

AMEM covers six? Material types. The Huang papers cover more material types because all these parameters vary based on combination of chemical and material properties.

Hope this helps.

-Charles

From: Wong, Eva [mailto:Wong.Eva@epa.gov]
Sent: Monday, July 22, 2019 1:50 PM
To: Bevington, Charles <CBevington@cpsc.gov>
Cc: Fehrenbacher, Cathy <Fehrenbacher.Cathy@epa.gov>
Subject: quick question about AMEM

Hi Charles,

Was AMEM fully incorporated into CEM? Asking to decide whether or not AMEM should be archived or if there is utility in keeping it as a separate model.

Thanks,
Eva

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